

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Wayne Post Examiner #: 68951 Date: 7/8/04
 Art Unit: 2600 Phone Number 30 Serial Number: 101825441
 Location: CPA 8A37 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 6,445,669

STAFF USE ONLY

Searcher: KLS

Searcher Phone #: _____

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Date Searcher Picked Up: 7/9

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Searcher Prep & Review Time: _____

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Type of Search

NA Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

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Litigation X

Fulltext _____

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

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Dr. Link _____

Lexis/Nexis _____


Sequence Systems _____

WWW/Internet _____

Other (specify) _____

Query/Command : prt max legalall

/// PLUSPAT - ©QUESTEL-ORBIT - image

PN -  US6445669 B1 20020903 [US6445669]
TI - (B1) Initialization of phase-change optical recording medium
PA - (B1) RICOH KK (JP)
PA0 - Ricoh Company, Ltd., Tokyo [JP]
IN - (B1) TAKAHASHI MICHIIHISA (JP); IDE YUKIO (JP); KANEKO YUJIRO (JP); NAKAMURA YUKI (JP); NODA EIJI (JP); OHMI FUMIYA (JP); AIHARA KENICHI (JP); HATTORI KYOHJI (JP); YAMADA KATSUYUKI (JP)
AP - US47134599 19991223 [1999US-0471345]
PR - JP36752998 19981224 [1998JP-0367529]
IC - (B1) G11B-007/00
EC - G11B-007/125L
G11B-007/26
PCL - ORIGINAL (O) : 369116000; CROSS-REFERENCE (X) : 369013030
369121000
DT - Corresponding document
CT - US5784353; US5784355; US5875160; US6256286; US6278674; EP848379; EP848379; JP2-42661; JP4-34725; JP4113519; JP9320120; JP10-27344; JP10112065; JP10208310; JP10312582
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - A method of initializing a phase-change optical information recording medium is provided, using an optical system incorporating a semiconductor laser device. The laser device is characterized by a specified spatial power distribution. In a spatial distribution of the laser power focused on the recording medium, in the direction perpendicular to guide tracks the laser device preferably has less average smaller in both end regions of the spatial distribution, which have each 10% of the width at half maximum of the distribution, than the average in the center region of the full width at half maximum of the distribution.
UP - 2002-36

Search statement 3

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6445669

<=1> Get Drawing Sheet 1 of 8

September 3, 2002

LEXIS-NEXIS
Library: PATENT
File: ALL

Initialization of phase-change optical recording medium

APPL-NO: 471345 (09)

FILED-DATE: December 23, 1999

GRANTED-DATE: September 3, 2002

CORE TERMS: laser, disk, layer, optical, recording, initialization, micron,
beam, spatial, width ...

6,445,669 OR 6445669

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

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6,445,669 OR 6445669

LEXIS-NEXIS
Library: PATENT
File: JNLS

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6,445,669 OR 6445669

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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S2 1 PN=US 6445669
? t 2/39/1

2/39/1
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
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16014818
Basic Patent (No,Kind,Date): EP 1014353 A2 20000628 <No. of Patents: 005>
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
EP 1014353	A2	20000628	EP 99125824	A	19991223 (BASIC)
EP 1014353	A3	20010829	EP 99125824	A	19991223
JP 2000195112	A2	20000714	JP 98367529	A	19981224
US 6445669	BA	20020903	US 471345	A	19991223
TW 455869	B	20010921	TW 88122812	A	19991223

Priority Data (No,Kind,Date):
JP 98367529 A 19981224

PATENT FAMILY:

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 1014353 A2 20000628

INITIALIZATION OF PHASE-CHANGE OPTICAL RECORDING MEDIUM (English;
French; German)

Patent Assignee: RICOH KK (JP)

Author (Inventor): HATTORI KYOHJI (JP); OHMI FUMIYA (JP); AIHARA
KENICHI (JP); YAMADA KATSUYUKI (JP); NAKAMURA YUKI (JP); NODA EIJI
(JP); TAKAHASHI MICHIIHISA (JP); KANEKO YUJIRO (JP); DIE YUKIO (JP)

Priority (No,Kind,Date): JP 98367529 A 19981224

Applic (No,Kind,Date): EP 99125824 A 19991223

Designated States: (National) AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-007/26; G11B-007/125

CA Abstract No: * 133(05)066080X; 133(05)066080X

Derwent WPI Acc No: * C 00-525888; C 00-525888

Language of Document: English

Patent (No,Kind,Date): EP 1014353 A3 20010829

INITIALIZATION OF PHASE-CHANGE OPTICAL RECORDING MEDIUM (English;
French; German)

Patent Assignee: RICOH KK (JP)

Author (Inventor): HATTORI KYOHJI (JP); OHMI FUMIYA (JP); AIHARA
KENICHI (JP); YAMADA KATSUYUKI (JP); NAKAMURA YUKI (JP); NODA EIJI
(JP); TAKAHASHI MICHIIHISA (JP); KANEKO YUJIRO (JP); DIE YUKIO (JP)

Priority (No,Kind,Date): JP 98367529 A 19981224

Applic (No,Kind,Date): EP 99125824 A 19991223

Designated States: (National) AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-007/26; G11B-007/125

CA Abstract No: * 133(05)066080X

Derwent WPI Acc No: * C 00-525888

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 1014353	P	19981224	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
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				JP 98367529 A	19981224
EP 1014353	P	19991223	EP AE	EP-APPLICATION	(EURQPAEISCHE ANMELDUNG)

EP 99125824 A 19991223
 EP 1014353 P 20000628 EP AK DESIGNATED CONTRACTING
 STATES IN AN APPLICATION WITHOUT SEARCH
 REPORT: (IN EINER ANMELDUNG OHNE
 RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
 MC NL PT SE
 EP 1014353 P 20000628 EP AX EXTENSION OF THE EUROPEAN
 PATENT TO (ERSTRECKUNG DES EUROPÄISCHEN
 PATENTS AUF)
 AL;LT;LV;MK;RO;SI
 EP 1014353 P 20000628 EP A2 PUBLICATION OF APPLICATION
 WITHOUT SEARCH REPORT (VERÖFFENTLICHUNG DER
 ANMELDUNG OHNE RECHERCHENBERICHT)
 EP 1014353 P 20010829 EP AK DESIGNATED CONTRACTING
 STATES IN A SEARCH REPORT: (IN EINEM
 RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
 MC NL PT SE
 EP 1014353 P 20010829 EP AX EXTENSION OF THE EUROPEAN
 PATENT TO (ERSTRECKUNG DES EUROPÄISCHEN
 PATENTS AUF)
 AL;LT;LV;MK;RO;SI
 EP 1014353 P 20010829 EP A3 SEPARATE PUBLICATION OF THE
 SEARCH REPORT (ART. 93) (GESONDERTE
 VERÖFFENTLICHUNG DES RECHERCHENBERICHTS
 (ART. 93))
 EP 1014353 P 20020508 EP 17P REQUEST FOR EXAMINATION
 FILED (PRÜFUNGSANTRAG GESTELLT)
 20020228
 EP 1014353 P 20020522 EP AKX PAYMENT OF DESIGNATION FEES
 (ZAHLUNG VON BENENNUNGSGEBÜHREN)
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
 MC NL PT SE
 EP 1014353 P 20030423 EP RAP1 APPLICANT REASSIGNMENT
 (CORRECTION) (ANMELDER ÜBERTRAGUNG (KORR.))

RICOH COMPANY LTD.

JAPAN (JP)

Patent (No,Kind,Date): JP 2000195112 A2 20000714
 INITIALIZATION METHOD FOR PHASE TRANSITION TYPE INFORMATION RECORDING
 MEDIUM (English)
 Patent Assignee: RICOH KK
 Author (Inventor): HATTORI TAKASHI; OMI FUMIYA; AIHARA KENICHI; YAMADA
 KATSUYUKI; NAKAMURA YUKI; NODA EIJI; TAKAHASHI NORIHISA; KANEKO
 YUJIRO; IDE YUKIO
 Priority (No,Kind,Date): JP 98367529 A 19981224
 Applic (No,Kind,Date): JP 98367529 A 19981224
 IPC: * G11B-007/30; G11B-007/0045
 CA Abstract No: * 133(05)066080X
 Derwent WPI Acc No: * C 00-525888
 Language of Document: Japanese

TAIWAN (TW)

Patent (No,Kind,Date): TW 455869 B 20010921
 Patent Assignee: RICOH KK (JP)
 Author (Inventor): AIHARA KENICHI (JP); NODA EIJI (JP); KANEKO
 YUJIRO (JP); IDE YUKIO (JP); HATTORI KYOHJI (JP)
 Priority (No,Kind,Date): JP 98367529 A 19981224

Applic (No,Kind,Date): TW 88122812 A 19991223
IPC: * G11B-007/24
CA Abstract No: * 133(05)066080X
Derwent WPI Acc No: * C 00-525888

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 6445669 BA 20020903
INITIALIZATION OF PHASE-CHANGE OPTICAL RECORDING MEDIUM (English)
Patent Assignee: RICOH KK (JP)
Author (Inventor): HATTORI KYOHJI (JP); OHMI FUMIYA (JP); AIHARA
KENICHI (JP); YAMADA KATSUYUKI (JP); NAKAMURA YUKI (JP); NODA EIJI
(JP); TAKAHASHI MICHIIHISA (JP); KANEKO YUJIRO (JP); IDE YUKIO (JP)
Priority (No,Kind,Date): JP 98367529 A 19981224
Applic (No,Kind,Date): US 471345 A 19991223
National Class: * 369116000; 369121000; 369013030
IPC: * G11B-007/00
CA Abstract No: * 133(05)066080X
Derwent WPI Acc No: * C 00-525888
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 6445669	P	19981224	US AA	PRIORITY (PATENT)
		JP 98367529	A	19981224
US 6445669	P	19991223	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 471345	A	19991223
US 6445669	P	20020903	US BA	PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)